

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CTR ACCEPTANCE**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

|                   |                                |                         |                    |
|-------------------|--------------------------------|-------------------------|--------------------|
| <b>CONTRACTOR</b> | <b>CONTRACT NO. / TASK NO.</b> | <b>JOB ORDER NUMBER</b> | <b>APPROPRIATE</b> |
| QSS Group, Inc.   | NAS5-<br><b>99124 220</b>      | 561-258-10-16-89        | FY00               |

**TASK TITLE:** (NTE 80 characters; include Project name)

**EO-1 Attitude Control Electronics (ACE) Software Maintenance Testbed Study**

**APPROVALS:** (Type or print name and sign)

|   |   |                 |                        |              |
|---|---|-----------------|------------------------|--------------|
| <b>ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)</b>   | <b>DATE</b>                               | <b>ORG CODE</b> | <b>MAIL CODE</b>       | <b>PHONE</b> |
| Phil Luers <i>Phil Luers</i>  | 2/25/00                                   | 561             | 561                    | 301-286-5777 |
| <b>BRANCH HEAD</b>  | <b>DATE</b>                               | <b>CODE</b>     | <b>PHONE</b>           |              |
| Robert Stone <i>Robert Stone</i>  | 2-25-00                                   | 561             | 301-286-5659           |              |
| <b>CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)</b>  | <b>DATE</b>                               | <b>CODE</b>     | <b>PHONE</b>           |              |
| for Robert Lebar <i>Robert A. Clark</i>   | 2/25/00                                   | 560             | 301-286-6588           |              |
| <b>FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?</b><br>(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK) | <b>CONTRACTING OFFICER'S QUALITY REP.</b> |                 | <b>DESIGNATED FAM:</b> |              |
| (X) NO ( ) YES  | Larry Moore                               |                 |                        |              |

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

**C.O. Requested Quote on:**

**Date:** FEB 25 2000

Contractor will develop specification or statement of work under this task for a future procl ( ) NO (X) YES

Flight hardware will be shipped to GSFC for testing prior to final del (X) NO ( ) YES ( ) N/A

Government Furnished Property/Facilities (X) NO ( ) YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: (X) NO ( ) YES If yes: ( ) TOTAL ( ) PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: (X) NO ( ) YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 2/25/00.

**INCENTIVE FEE STRUCTURE (check one)**

|           | No. 1 | No. 2 | No. 3 | X No. 4 | No. 5 |
|-----------|-------|-------|-------|---------|-------|
| Cost      | 10%   | 50%   | 25%   | 25%     | %     |
| Schedule  | 15%   | 25%   | 25%   | 50%     | %     |
| Technical | 75%   | 25%   | 50%   | 25%     | %     |

(to be completed by Contracting Officer)

The target cost of this task order is \$ 763.00

The target fee of this task order is \$ 49.00

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 812.00

The maximum fee is \$ 72.00

The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*[Signature]*  
SIGNATURE OF CONTRACTING OFFICER

JUN 6 2000  
DATE

**STEVEN R. LLOYD**  
**CONTRACTING OFFICER**  
TYPED NAME OF CONTRACTING OFFICER

**CONTRACTOR'S ACCEPTANCE:**

*[Signature]*  
AUTHORIZED SIGNATURE

DATE

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CTR APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

| CONTRACTOR      | CONTRACT NO./TASK NO. | TASK NO. | AMENDMENT |
|-----------------|-----------------------|----------|-----------|
| QSS Group, Inc. | NAS5-<br>99124        | 220      |           |

Applicable paragraphs from contract Statement of Work: Function 2-E-2,3

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)

The contractor shall perform conceptual design, technical trade-offs and cost trade-offs to determine how best to add the EO-1 Attitude Control Electronics (ACE) to the existing EO-1 software development environment.

The contractor shall determine and document capabilities of existing EO-1 flight software development environment.

The contractor shall document new EO-1 Project requirements for ACE flight software maintenance.

The contractor shall perform a detailed study of how best to meet the new requirements.

The contractor shall obtain detailed cost estimates for the modifications necessary to hardware and/or software in the existing EO-1 software development environment.

The contractor shall generate detailed cost estimates for procurement of any new hardware and/or software.

**PERFORMANCE SPECIFICATIONS:**

Preliminary Conceptual Design -- should include a level of detail that will allow EO-1 personnel to determine whether or not the modifications proposed will meet the EO-1 software maintenance requirements.

Final Conceptual Design -- should include a level of detail that allows cost estimation to proceed without further investigation.

Cost estimates -- should include quotes from any proposed subcontractors, labor estimates, material purchasing and any related costs.

Final Report -- should include all technical and programmatic information necessary to proceed with fabrication.

**APPLICABLE DOCUMENTS:**

None.

**TASK END DATE:** 3/3/00**MILESTONES/DELIVERABLES AND DATES:**

Contractor shall deliver all work products completed or in process at the time of cancellation.

**PERFORMANCE STANDARDS:**

Schedule: On-time delivery of the above.

Technical: ATR's acceptance of the above

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Ray Whitley, Code 582, Building 3 Room 242A